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July 29,1988

Ms. Donna McCartney
U.S. Environmental Protection Agency
Region III
841 Chestnut Building
Philadelphia, PA 19107

RE: C&D Recycling Site
Foster Township, PA

Dear Donna:

Enclosed are five (5) copies of the monthly progress report pertaining to the Remedial Investigation and Feasibility Study at the C&D Recycling Site. The report was prepared by Mr. James Perazzo of Fred C. Hart Associates, Inc. Please contact me if you have any questions regarding the report.

Sincerely,

Larry A. Elder
Senior Engineer

Enc.

C&D RECYCLING SITE
MONTHLY STATUS REPORT
NUMBER 05

PERIOD COVERING: 06-24-88 to 07-24-88

PREPARED BY: James Perazzo DATE: 07-25-88

HART PROJECT NUMBER: 01023-18-00009-00

TASK NO: 01&03 DESCRIPTION: Background Information Review
Field Investigation Activities

ACTION THIS PERIOD:

All on-site soil samples were collected and submitted to COMPUCHEM Laboratory by June 24,1988. The HART Project QA Officer, D. Anne, completed a field investigation audit on June 24, 1988. A report of this audit was submitted to the USEPA Project Coordinator, D. McCartney, on July 8,1988. This report also included a letter from the HART Corporate Health and Saftey Officer, L. Kaufman, regarding his observations during a site inspection he conducted on June 23,1988.

Field equipment for the on-site and off-site well sampling was mobilized to the site on June 27,1988. On-site monitoring wells, MW-4 and MW-5, were sampled on June 27,1988. The off-site residential wells were sampled as previously scheduled (Drasher and Samuelian on June 29th; Clarke, Rohrbach and Sulima on June 30th). HART completed the Water Distribution Inventory Forms contained in the Work Plan and formalized the residential well sampling protocols. In general, one two to three system volumes were removed prior to obtaining a sample. In cases where the residential well (and system between the sampling point and the pump) was completely evacuated (pumped dry), the well was allowed to partially recover prior to sampling. The exact protocols for sampling of each of the residential wells are attached. These protocols will be used for all subsequent samplings. The remaining on-site monitoring wells were sampled as follows: MW-6 on July 5th; MW-1 on July 6th; MW-2, MW-3 and MW-8 on July 8th.

The borehole geophysical logging was conducted by Appalachian Coal Surveys on July 6 and 7, 1988. Hawkins Well Drilling initiated rock coring on July 11,1988. Coring began at location C-D (adjacent to MW-4) and was advanced to a depth of 60 feet below grade. The coring at location C-C was advanced to a depth of 200 feet below grade and was completed on July 18, 1988. The coring at location C-A (adjacent to MW-8) was advanced to a depth of 265 feet and was completed by July 22, 1988.

Laboratory data and QA/QC documentation were received by HART throughout this period. This information relates to the initial tank, surface water and sediment sampling. HART is currently validating this data and will transmit a copy of the valid results to the USEPA as soon as the validation is completed.

Currently, the RI field activities remain approximately two weeks ahead of schedule.

PROBLEMS ENCOUNTERED/RESOLVED:

Equipment problems prevented the simultaneous sampling of on-site monitoring wells and off-site residential wells. As a result, five of the on-site monitoring wells were sampled the week following the sampling of two on-site and five residential wells. There were no major precipitation events during this period which could have potentially influenced the quality of these samples.

The residential wells at the Sulima and Rohrbach residences were evacuated prior to sampling and allowed to partially recover before samples were obtained.

SCOPE OF WORK CHANGES:

As part of the first round of sampling, both filtered and unfiltered groundwater samples from the on-site monitoring wells were collected for laboratory analysis.

The rock coring at locations C-D and C-A was advanced to depths of 60 and 265 feet below grade, respectively, based on the results of the geophysical logging.

ACTION NEXT PERIOD:

Complete rock coring and in-situ packer testing. Continue tank, surface water and sediment sampling data validation and supply the USEPA with a copy of the validated data. Schedule and preform the underground tank removal and begin interim data evaluation. A new subcontractor has been tentatively selected to undertake the tank removal. This subcontractor is M.W. Farmer, Inc. of Williamsport, PA. HART has used this subcontractor at other non-superfund sites. Employees of this subcontractor are currently undergoing 40-hour health and safety training. As soon as HART receives verification that this training is complete, a copy of the HASP and relevant portions of the Work Plan text will be sent to the subcontractor and a schedule for tank removal confirmed.

HART I

Domestic Well Sampling Summary
6/29/88 - 6/30/88

Drasher

A) Sampling date - 6/29/88

B) Purging data

1. Well depth = 160'
2. Well diameter = 6"
3. Water level = 42' below casing
4. Water column = 118'
5. One well volume = 177 gallons
6. Water volume evacuated = 600+ gallons (60 minutes)

C) Sampling data

1. 1¼-inch PVC supply line leads from pump to basement. Samples collected from gate valve located before 25 gallon holding tank.

2. Field parameters

   a) temperature
   b) specific conductivity* = 0.102 mmhos/cm
   c) pH = 6.14

*Adjusted to 25°C

II Samuelian

A) Sampling date - 6/29/88

B) Purging data

1. Well depth = 220' (unconfirmed)
2. Well diameter = 6"
3. Water level = 39.95' below casing
4. Water column = 180'
5. One well volume = 270 gallons
6. Water volume evacuated = 382 gallons (60 minutes)

c) Sampling data

1. PVC pipe leading from wall to holding tank in basement. Samples collected from gate valve located before 25 gallons holding tank.

2. Field parameters
   a) temperature = 12.0°C
   b) specific conductivity* = 0.111 mmhos/cm
   c) pH = 6.30

*adjusted to 25°C

III Clarke

A) Sampling date - 6/30/88

B) Purging data

1. Well depth = unknown, assume 200'
2. Well diameter = 6"
3. Water level = 69.35' below casing
4. Water column = 130' (assumed)
5. One well volume = 195 gallons (assumed)
6. Water volume evacuated = 510 gallons (50 minutes)

C) Sampling data

1. A one-inch PVC supply line runs from well to garage. Line to holding tank was closed prior to sampling. Samples collected from gate valve in 3/4-inch copper pipe connected to PVC supply line.

2. Field parameters

   a) temperature = 11.1°C
   b) specific conductivity* = 0.017 mmhos/cm
   c) pH = 5.78

*adjusted to 25°C

IV Rohrbach

A) Sampling data - 6/30/88

B) Purging data

1. Well depth = 230'
2. Well diameter = 6"
3. Water level = not measured
4. Water column = unknown
5. One well volume = unknown
6. Water volume evacuated: Gary Rohrbach ran garden hose for approximately 30 minutes prior to HART's arrival. HART evacuated 95 gallons before pump shut off. Assume water level of drawn down to pump intake at 220'.

C) Sampling data

1. PVC supply line runs from well to basement. Samples collected from gate valve installed in supply line immediately adjacent to basement wall (installed before pumping and holding tank).

2. Field parameters

   a) temperature = 11.5°C
   b) specific conductivity* = 0.091 mmhos/cm
   c) pH = 6.85

*adjusted to 25°C

V Sulima

A) Sampling date - 6/30/88 p.m.

B) Purging data

1. Well depth = 360' (unconfirmed)
2. Well diameter = 6"
3. Water level = unobtainable (well sealed)
4. Water column = unknown
5. One well volume = 540 gallons maximum
6. Water volume evacuated = Approximately 425 gallons removed before pump shut down. Assume water level drawn down to pump intake.

C) Sampling data

1. PVC supply line leads from well to basement. Samples collected from gate valve before 25 gallon holding tank.

2. Field parameters

a) temperature = 11.7°C
b) specific conductivity* = 0.103 mmhos/cm
c) pH = 4.74

*adjusted to 25°C